

DOJLIDO, Jan, mgr inz.; JAKUBOWSKA, Lucja, mgr inz.

Some remarks on statistical methods of evaluating the results of
water and sewage analyses. Gosp wodna 23 no.1:45-46 Ja '63.

1. Zaklad Ochrony i Uzytkowania Wod, Instytut Gospodarki Wodnej,
Warszawa.

GAJEWSKI, Antoni, mgr.; JAKUBOWSKA, Lucja, mgr inż.

Remarks on the state of pollution of the Augustow Canal 1960-1961.
Gosp wodna 23 no.4:165-166 Ap 63.

JAKUBOWSKA, Lucja, mgr inż.; PRASZKIEWICZ, Aniela, mgr.

Hydrochemical and hydrobiological characteristics of the
Wyznica River. Gosp wodna 23 no.7:281-283 Jl '63.

1. Zaklad Ochrony i Uzytkowania Wod, Warszawa.

JAKUBOWSKA, Lucja, mgr inz.; DOJLIDO, Jan, mgr inz.

Method of studying the interdependence of phenomena occurring
in water reservoirs; their correlation. Gosp wodna 23 no. 8/9:
361-362 Ag-S '63.

1. Department of Water Protection and Utilization, Institute
of Water Management, Warsaw.

CLARK CIMA, cja, migr.lnz.

International symposium on the methods of studying organic
compounds in water and organisms. Gaz woda techn. sztuk. 38
• 1972-1973 - p. 164.

1. Laboratory of Water Protection and Utilization, Viseu

JAKULOWSKI, JANUSZ LECH

Jakuowski, Janusz Lech. Technika wysokich napięć. Warszawa, Trzaska, Evert i Michalski, 1951. 471 p. (Trzaski, Everta i Michalskiego biblioteka techniczna, t. 14) (Technics of high tensions. Illus., bibl.)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1, Jan. 1954, Uncl.

JAKUBOWSKI, J.

"Protection From Power Line Surges" p. 24. (Przeglad Elektrotechniczny, Vol. 29, no. 1, Jan., 1953, Warszawa)

East European Vol. 3, No. 2,
SO: Monthly List of Acquisitions, Library of Congress, February, 1954, Uncl.

JAKUBOWSKI, J. L.

SO: Monthly List (EEAL)
LC, Vol. 4, No. 4, 1955

3630. Effects of corona discharges on protective range of lightning rods. V. L. Jakubowski. Arch. Elektrotech. [Warsaw] 2, No. 1-2 (1955) In Polish. Summary (3 pp.) In French.

After a short discussion on the theories of the effects of corona from the tip of a lightning rod and on the validity of impulse model tests, a description is given of preliminary model tests carried out to verify Frenkel's theory. The investigation was performed on a 100 cm point-to-point gap with a metal grid under d.c. potential placed above the upper electrode to increase corona. The results obtained were inconclusive and showed to indicate the absence of any effects of prolonged free-discharge corona on the protective range of lightning rods, but were useful in establishing the test conditions necessary for this kind of investigation.

R. M. FUDINER

Jokubowski J. L. Criteria of Eliminating Wave Impedance at Multiple Reflections.

MN

"Kryteria eliminacji oporności falowej przy odbiciach wielokrotnych". Archiwum Elektrotechniki (PAN). No. 4, 1954, pp. 108—109, 48 figs.

The attention of electrical engineers has for long been focused on an instance in which — as the result of multiple reflections of the moving wave from the boundary of a short section of the line — this particular section performs the role of capacitance or inductance. The adoption for computations of constant concentrated capacitance or inductance, instead of the wave impedance, is termed by the author "wave impedance elimination". The author determines, on the basis of analysis of a number of instances, two fundamental criteria of "elimination". He also reviews the practical applicability of more involved equivalent systems of the type of n_1 or n_2 composed of C and L . He gives passing consideration, too, to an instance which causes, as the result of multiple reflections, the manifestation of vibrations, and to an instance of condenser discharge caused by a line short-circuited at its end. He demonstrates the existence of a circuit in which "elimination" is complete — that is to say, where short-circuit can be taken as a substitute for the line sector,

P A L O N

621.315.0 ; 621.3.011.21 ; 621.3.011.8

3099. Criteria for the elimination of wave impedance
in the case of multiple reflections. J. L. Jarry (1958).
Bull. Acad. Polon. Sci. Cl. 4, 3, No. 2, 91-97 (1958)

In French.

The term elimination of wave impedance is used to
describe the technique of representation of distributed
systems by graphical methods. A survey is
made of the conditions under which transmission line
discontinuities can be represented by stepped elements
for the cases of an exciting voltage having either
the form of a step function or of a linearly increasing
function of time.

C. D. T.

V 1386. THE INFLUENCE OF POINT DISCHARGE ON
THE PROTECTIVE ZONE OF A POINTED LIGHTNING
CONDUCTOR. J.L.Jakubowski.

Bull. Acad. Polon. Sci. Cl. 4, Vol. 2, No. 1, 51-3 (1984). In

French.

Following a suggestion by J.I.Frankel that the protective effect of a lightning conductor is influenced by the space charges produced by the conductor itself, a model test is performed in which a current of 5 μ A is discharged from a model conductor before its protective range is determined experimentally. The protective distance of the model conductor is found to be unaffected by pre-discharge current.

D.H.Goddard

JAKUBOWSKI, J.

"Criteria for eliminating wave resistance in case of multiple reflections."
p. 69. (ARCHIWUM ELEKTROTECHNIKI Vol. 3, No. 1. 1954. Warszawa, Poland)

SO: Monthly List of East European Acquisitions. (KEAL). LC. Vol. 4, No. 4.
April 1955. Unclassified.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7

JAKUBOWSKI, J.

Ten years of the Institute of Electrical Engineering. n. 09. (PHOTOCOPY)
ELEKTRYCZNOŚĆ, Vol. 30, No. 8, Aug. 1954, Warsaw, Poland)

SO: Monthly List of East European Acquisitions, (SEAL), DC, Vol. 3, No. 12, Dec.
1954, Uncl.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

JAKUBOWSKI, J.

"Real tasks, organization, and work methods of scientific research institutions." p. 493. (PRZEGŁAD ELEKTROTECHNICZNY. Vol. 30, No. 12, Dec. 1954. Warszawa, Poland)

SO: Monthly List of East European Acquisitions. (EEAL). DC. Vol. 4, No. 4, April 1955. Unclassified.

JAKUBOWSKI, Janusz Lech

"The Role of Science in the Long-Range Electrification Plans for Poland,"
by Janusz Lech JAKUBOWSKI, full member, Polish Academy of Sciences. Nauka Polska,
Rok IV, Nr 2-3(14-15), Pol. Acad. of Sci., Warsaw, 1956.

JALUBOWSKI, J.

Model research on the area protected by lightning rods in case of corona discharges. p. 2. (Archiwum Elektrotechniki, Vol. 6, No. 1, 1957, Warsaw, Poland)

SO: Monthly List of East European Acquisitions (EEAL) 10, Vol. 4, No. 6, Aug 1957. Incl.

POL/19-8-1-1/14

9(3)
AUTHOR:

Jakubowski, J. L.

TITLE:

On the Definition of Partial Capacitances²⁵

PERIODICAL:

Archiwum Elektrotechniki, 1959, Vol 8, Nr 1, pp 3-12
(Poland)

ABSTRACT:

B. Konorski concludes that the partial capacitances of the set consisting of two solitary spheres are functions not only of the space parameters but of the potentials and electrode charges as well. He used a different definition of the partial capacitances from that of Maxwell; namely his capacitances are a ratio of the electrode charges and the corresponding potential differences in resultant field induced by the simultaneous deposition of charges upon several electrodes. In the set of two spheres with adverse potentials such a field in general, contains the lines propagating into infinity from one electrode only; thus it exists the capacitance between only one sphere and infinity. The capacitances determined out of charges and potential differences of the resultant field are, in general, the functions of

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CIA-RDP86-00513R000619420011-7

JAKUBOWSKI, J. I.

Equivalent circuit for power cable in ground. Archiw elektrotech
10 no.1;119-128 '61.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

JAKUBOWSKI, J. L., prof., dr.; NEHREBECKI, L., prof.

Scientific achievements of the Committee for Poland's Electrification, Polish Academy of Sciences. Przegl elektrotechn 37 no.12: 481-483 '61.

1. Komitet Elektryfikacji Polski Polskiej Akademii Nauk.

(Poland—Electrification)

JAKUBOWSKI, Janusz Lech, prof.

The Committee for the Electrification of Poland. Review Pol Academy
7 no.3:41-45 Jl-S '62.

1. Member of the Polish Academy of Sciences, Chairman of the Committee
for the Electrification of Poland, Warsaw.

JAKUBOWSKI, Janusz Lech

Development, financing, organization and documentation of research activities in the fields of mathematics, natural sciences, and applied sciences in France. Nauka Polska 10 no.1:153-169 Ja-F '62.

1. Członek rzeczywisty Polskiej Akademii Nauk, Warszawa.

JAKUBOWSKI, Janusz Lech, prof.

Scientific achievements of the Committee for the Electrification
of Poland. Nauka polska 10 no.3:49-60 My-Je '62.

1. Przewodniczacy Komitetu Elektryfikacji Polski, Warszawa.
Sekretarz Komitetu: prof. Lucjan Nehrebecki.

JAKUBOWSKI, J.L. prof. dr

Coordination of insulation (International Conference of Large
Electric Systems, 1962). Przegl elektrotech 38 no.10:436-441
0 '62.

JAKUBOWSKI, Janusz Lech

The role of fundamental and applied research in the technical sciences. Review Pol Academy 8 no.2:13-22 Ap-Je '63.

BADER, Jerzy ; JAKUBOWSKI, Janusz Lech; ZIELINSKI, Jerzy Jarmusz

Protection of gliders against atmospheric electricity. Rozpr
elektrotechn 9 no.1/2;203-231 '63.

1. Katedra Wysokich Napięc, Politechnika, Warszawa.

JAKUBOWSKI, J.L.; MAKSIEJEWSKI, J.L.

Heating of conductors in exponential surges. Archiw elektrotech
12 no.2:223-228 '63.

1. Katedra Wysokich Napięć, Politechnika, Warszawa.

GLINSKI, S.; GNIEWILSKI, J.; JAKUBOWSKI, J.L.; KOLECKI, R.

Seventh International Conference on Lighting Protection. Przegl
elektrotechn 41 no.1:19-24 Ja '65.

JAKUBOWSKA, Maria

Clinical analysis of 22 cases of multiple myeloma. Pol. tyg. lek.
20 no.4:138-140 25 Ja '65

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(Kierownik: prof. dr. med. Mieczysław Kedra).

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APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

JAKUBOWSKI, Adam (Krakos, Szlak 4)

Problema and treatment of idiopathic scoliosis. Chir. narz. ruchu
22 no.2:237-238 1957.

1. Z Oddzialu Chirurgii Urazowej i Ortopedii Szpitala im. G. Narutowicza
w Krakowie Ordynator: prof. dr J. Zaremba.
(SCOLIOSIS, ther.
indic. in idiopathic scoliosis (Pol))

WICHER, Konrad; LESINSKI, Janusz; JAKUBOWSKI, Adam

Studies on the course of experimental syphilis in guinez pigs.
Polski tygod. lek. 14 no.26:1218-1219 29 June 59.

1. (Z Zakladu Mikrobiologii Slaskiej A. M. w Zabru, p.o. kierownik:
kand n. med. K. Wicher i z Kliniki Dermatologicznej A. M. w Bialymstoku:
kierownik: doc. dr J. Lesinski).
(SYPHILIS, exper.)

JAKUBOWSKI, Andrzej; ABRAMOWICZ, Olga

Postoperative conditions of the thorax and complications following pneumonectomy and lobectomy. Polski przegl. radiol. 18 no.1:19-27
Ja-Mr '54.

1. Z Zakladu Radiologii Lekarskiej Akademii Medycznej w Gdansku.
Kierownik: prof. dr med. K. Rowinski.
(LUNGS, surgery,
*lobectomy & pneumonectomy, postop. cond. & compl.)

haem.
direc EXCERPTA MEDICA Sec 9/Vol 13/5 SURGERY May 59

2615. THE EFFECT OF SPLENECTOMY ON THE OESOPHAGEAL VARICES IN CHILDREN - Wpływ wycięcia śledziony na żyłki przełyku u dzieci - JAKUBOWSKI A. Zakt. Radiol. Pediat. A. M., Warszawa - POL. PRZEGL.

RADIOL. 1958, 22/3 (157-167) Illus, 6

Five cases are presented of splenectomy in children 5 to 10 yr. old with oesophageal varices. The conclusion is that radiological examination is of decisive importance for the diagnosis of oesophageal varicosity. There is no relationship between the incidence of the oesophageal varices and the degree of splenic enlargement. Splenectomy was not followed by the regression of the oesophageal varices, except in 1 case in which a marked involution of the oesophageal varices could be observed as early as after 5 weeks.

Marciniak - Wrocław (XVIII, 7, 9, 14)

WROBLEWSKI, W.; GIETNER, M.; DOMOSLAWSKA, Z.; JAKUBOWSKI, A.; BLASZCZYSZYN, H.

Reticuloses X with observations on 3 cases. Pediat. pol. 36 no.7:
743-750 '61.

1. Z Oddzialu Dzieciecego Centr. Szpit. Klin. MSW w Warszawie
Ordynator: prof. dr med. T.Chrapowicki i z Zakladu Radiologii Centr.
Szpit. Klin. MSW w Warszawie Kierownik: doc. dr med. W.Trzotrzewinski.
(RETICULOENDOTHELIOSIS in inf & child)

JAKUBOWSKI, A.; LEWENFISZ-WOJNAROWSKA, T.; CHROSCICKI, A.; KROCHALA, B.

A comparison of the results of radiological and electrocardiographic examination in systolic and diastolic overloading of the heart. Kardiol. Pol. 8 no.2:113-117 '68.

1. Z Zakladu Radiologii Pediatricznej AM (Kierownik: prof. dr. K. Rowinski), z II Kliniki Pediatricznej AM (Kierownik: prof. dr. T. Lewenfisz-Wojnarowska) i z Pracowni Radiologicznej zespołu Klinik w Warszawie (Kierownik: doc. dr. A. Chroscicki).

RECORDED IN THE U.S. PATENT AND TRADEMARK OFFICE

TOPIC TAGS: dielectric diode, dielectric triode, perfect dielectric, imperfect dielectric, diode manufacture, dielectric triode manufacture

SECRET

ACQUISITION NR - APPROXIMATE

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L 00506-66 EEC(k)-2

ACCESSION NR: AP5013678

PO/0053/65/000/004/016B/0174
621.389

AUTHOR: Bracławski, K.; Jakubowski, A.

TITLE: Dynamic method for semiconductor power diode testing

SOURCE: Przeglad elektroniki, no. 4, 1965, 169-174

TOPIC TAGS: diode test, semiconductor power diode, power diode testing, power diode parameter

ABSTRACT: The paper describes a method for measuring the parameters of semiconductor power diodes under conditions corresponding to those which exist in a half-wave rectifier circuit with resistive loading but at a much smaller expended power. The concept of the method is the one used by B. Paszkowski in his circuit for the measurement of maximal reverse voltages in electron tubes (Prace PIT (Warsaw), No. 3, 1951). The method (the simplified circuit diagram is shown in Fig. 1 of the Enclosure) uses a thyristor (Westinghouse Cs31C) as a synchronous switch which makes it possible for the tested diode to operate simultaneously in two circuits: a current circuit and a voltage circuit. For measuring voltage drops across the diode in the forward and reverse directions, unipolar meters are employed which separate the measured quantities in time. The power ex-

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ACCESSION NR: AP5013678

ASSOCIATION: Politechnika Warszawska, Katedra Przyrzadow Elektronowych (Department of Electronic Instruments, Warsaw Polytechnic Institute)

SUBMITTED: 00

ENCL: 01

SUB CODE: EC

NO REF SOV: 001

OTHER: 003

Card 3/4

The quality of margarine. I. The influence of refining and hydrogenation upon the quality of the fats. Jerzy Czaplicki, Karoliusz Dancowski, Augustyn Jekutowski, Wlodek Krotkiewski, Henryk Mikolajewski, Tadeusz Umska (Zaklad Techniczny Gdanski, Poland). *Prace Zespołu Badań i Rozwoju Przemysłu Rolnego i Spółek Rolnych*, No. 1, 1-12 (1950).—The changes of the analytical values of vegetable oils are studied as these are brought about by various methods of refining and hydrogenating, with special attention to rapeseed oil (I), as this is the main ingredient in the best-known brand of Polish margarine ("Ceres"). During refining removal of the $P-O-N$ link specifies the value $P(O)CH_3$.

$CH_3N(Me)_2O$ part of the lecithin (II) hydrolyzes; this is of importance for the antioxidant action of II. Thus the P values, per μ g, are of no absolute value. The hydrolysis of canola oil (III) and of I are studied over a temp. range from 50 to 85°, as a function of the intensity of agitation and the amt. of H_2O present. The hydrolysis values for III scatter without disclosing a definite trend, but the value for I increase from 17.0 to 28.0% if the temp. rises from 60 to 85°. Refining is done with various strengths (38%) of NaOH, at various temps., duration, in one-step and multi-step procedures. No generally valid recipe can be given;

it is of importance to wash out the excess NaOH down to 0.005%. Deodorization decreases the free acids in I to 0.1% and better, and in III to 0.075% and better. Hydrogenation is done at 180° with 0.3 atm. H pressure with a catalyst which contains 0.25% Ni; it was found that raising the Ni to 0.45% does not offer any advantages, and changing the temp. in the range from 140 to 210° too does not give much influence; at all these temps. III shows a change in the iodine value from 98.1 to 63.1 (biggest) and 63.1 (smallest).

Mietner Jacobson.

(5)

JAKUBOVIC, Jozef

• Designation: Agent • Classification: Confidential • Selective declassification
• File number: • Date of birth: 1918-03-10 • Sex: M

• Nationality: Slovakia • Place of birth: Bratislava, Slovakia

JAKUBOWSKI, B.

1957 Technical Conference on Automotive Transportation in Dresden.

p. 258 (Motoryzacja) Vol. 12, No. 10 , Oct. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

ANDREWIAK, C.; ROBERT WIKTORZYMASZKA, W.; JAKUBOWSKI, B.

Optical coefficients of thin gallium and indium films in the near infrared and ultraviolet range. Acta physica pol 25 no.3:443-451
Mr '64.

1. Institute of Experimental Physics, Technical University, wroclaw.

JAKUBOWSKI, Bogdan, mgr inz.

Technical servicing installations at the 50th Automobile Salon
in Paris. Techn motor 14 no.9:282-287 S '64

1. Design and Technology Office of Technical Supporting Industries
for Motorization, Warsaw.

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JAKUBOWSKI, B.

Facsimiles.

p. 343
Vol. 28, no. 10, Oct. 1956
PRZEGLAD TELEKOMUNIKACYJNY
Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

80346
P/022759/000/12/1/10

Distortion of Telegraph Modulation Code Elements and Measurement of the Distortion.

than the transition of one signal, and the value Δt_{\min} may have positive, negative or zero bias. On the assumption that $\Delta t_{\min} = 0$ always permits determination of the greatest value of individual distortion, a decisive simplification in the design of distortion meters, sufficient for maintenance purposes, has been made possible. The author points out that the usability of such meters is restricted to making sure that the distortion level in single or multiple links does not exceed the permissible limit and to measuring the approximate value of asymmetrical or characteristical distortion. Because maximum distortion values do not furnish sufficient criteria to establish the transmission properties of telegraph links, and knowledge of the mean value and distribution of distortion values is essential in judging such properties, only statistical measurements can provide the necessary data. Further the author reasons why the probability calculus can be used to handle distortion as a random variable, and deals with the probability distribution of distortion values. The delays Δt in the restoration of characteristical modulation moments are elementary phenomena which belong to a certain group of such and, therefore, the individual distortion as a univalent real function $X(\Delta t)$ set on the group of elementary phenomena Δt , is a random variable. Because the delays Δt may acquire arbitrary values, positive or negative, within a specified scope, the random

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FD-36 (Rev. 7-25-64) 12/1/10

Distortion of Telegraph Modulation Code Elements and Measurement of the Distortion.

axis to a, the function $f(x)$ acquired a shape known as the Gauss function

$$f(x) = \frac{1}{\sqrt{2\pi}} e^{-\frac{x^2}{2\sigma^2}} \quad (6)$$

where $z = x - a$ means the deviation of the real variable value from the mean value a . If

$$u = \frac{z}{\sigma}$$

is introduced into the latter equation, we obtain the function

$$f(u) = \frac{1}{\sqrt{2\pi}} e^{-\frac{u^2}{2}} \quad (7)$$

The maximum of the function shown by the latter equation is at $u = 0$, while the curve of the function bends at $u = \pm 1$ and is symmetrical with respect to the ordinate $u = 0$, because $f(u) = f(-u)$. In this conjunction, the function of the probability distribution can be presented as follows

$$F(u) = F(u) = \int_{-\infty}^u f(u) du = \frac{2}{\sqrt{2\pi}} \int_0^u e^{-\frac{u^2}{2}} du \quad (8)$$

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P/022/59/000/12/1/10

Distortion of Telegraph Modulation Code Elements and Measurement of the Distortion.

$$a = \frac{1}{N} \sum_{k=1}^N x_k \quad (10)$$

and the mean square of deviations of value x from the value a is derived from the condition

$$\sigma = \sqrt{\frac{1}{N} \sum_{k=1}^N (x_k - a)^2} \quad (11)$$

The author further discusses attempts at building proper test equipment to record the group of N real values x occurring in a specific link and necessary to draw the curve $f(x)$. He mentions that, apart from some less efficient western designs, an accurate and handy "distortion analyzer" has been built [Ref. 11]. An appliance built by the Bell Telephone Co is also mentioned. There are 2 figures and 14 references, 6 of which are French, 5 English, 1 Polish, 1 German and 1 Russian.

Card 6/6

JAKUBOWSKI, Edward, inz.

Lathe tools with bit discorder; general characteristics of
design and use and economic analysis. Mec. anal. 35 no.12:644-649
D '62.

1. Korpotech, Warszawa.

Jakubowski, J.

Tests of eliminating the impedance of a wave in case of multiple
reflections. p. 91, Vol. 2 no. 2, 1954, BULLETIN, Dep't of Technical Sciences,
Polish Academy of Sciences.

GO: MONTHLY LISTS OF EAST EUROPEAN ACCES NCMIS, (ZEAL), Vol. 4, No. 9,
LG, Sept. 1955, Enc1.

JAKUBOWSKI, J.

JAKUBOWSKI, J. Before the appointment of a Committee of the Polish Academy
of Sciences for the Electrification of Poland. p. 268
Vol 32 no. 7, July 1956 Warsaw Poland

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

JAKUBOWSKI, Janusz, mgr inz.

Successive function selection in the program control of
machine tools. Przegl mech 21 no.14:426-430 25 Jl '62.

1. Centralne Biuro Konstrukcji Obrabiarek, Pruszkow.

JAKUBOWSKI, Janusz Lech

The Polish Scientific Center in Paris, France. Nauka polska 11
no.2:99-102 Mr-Ap '63.

1. Członek rzeczywisty Polskiej Akademii Nauk, Warszawa.

JAKUBOWSKI, J.L.; MAKIEJEWSKI, J.L.

Heating of conductors in exponential surges. Archiw elektrotech
12 no.2:223-228 '63.

1. Katedra Wysokich Napięć, Politechnika, Warszawa.

2687

637.334.37 : 637.133.1

Piątè Cz. Jakubowski J. The Manufacture of Tilsit Cheese Containing
40% Fat in Dry Matter from Pasteurised Milk.

"Wyrób sera tyłyckiego o zawartości 40% tłuszczu w suchej masy
z mleka pasteryzowanego". (Prace Inst. Fizjern. Mlecz. No. 1), Warszawa, 1954, WPLIS, 7 pp., 3 figs., 5 tabs.

Experiments were carried out over the manufacture of Tilsit cheese
from pasteurised milk. 28 parallel batches were made, from both pasteurised
and non-pasteurised milk. The pasteurisation was made at 71-

73°C over a period of 18 seconds. The butter starter was used, its dosage
determined. With the pasteurised milk the necessity of thorough crushing
of the clot and better draining of the cheese kernels was observed.
Special care must be taken to prevent the reinfection of the pasteurised
milk. Using the above method, cheese of I and II grade was obtained.
The conclusion reached was that for cheese manufactured from the
pasteurised milk, special starters typical for each type of cheese should be
used.

AC

3685

671388

Jnkubowski J., Plate Cz. The Use of Putrid Curd for the Production of Casein.

AG

„Wykorzystanie zgliwionego twarogu do wyrobu caseiny”. (Prace Inst. Przem. Mlecz. No. 2), Warszawa, 1954, 3,5 pp., 2 tabs.

A discussion of chemical changes taking place in curd during its putridity. A number of tests were conducted on a laboratory and technical scale tending to remove products of protein decomposition by rinsing in water, in acidified whey and again in water, as also by applying chemical regeneration consisting of dissolving in NaOH and precipitating with mineral acid. Positive results were obtained only when using acidified whey. Curd cleansed by this method could be used for the production of casein for industrial purposes.

(1)

3684

637.354.34 : 637.130.4

Jakubowski J. Studies on the Use of Milk Pasteurization in the Production of Edam Type Cheese
"Badania nad zastosowaniem pasteryzacji mleka do wyrobu sera typu edamskiego". (Prace Inst. Przem. Mlecz. No. 3, Warszawa, 1959,
WPLIS, 6 pp., 5 figs., 7 tabs.)

The following three types of pasteurization were used in the production of Edam cheese from pasteurized milk: direct pasteurization in the cheese boiler (67°C for three minutes), short duration pasteurization in a plate pasteurizer at a temperature of $70-78^{\circ}\text{C}$ for a period of 30-48 seconds and short duration pasteurization at a lower temperature of milk heating ($64-70^{\circ}\text{C}$ also for a period of 30-48 seconds). The best results were obtained with pasteurization of milk for cheese production at a temperature of $64-70^{\circ}\text{C}$. In addition to studies on methods of pasteurization, a number of tests were carried out on enriching the microflora of pasteurized milk by adding cheese starters containing pure cultures of bacteria isolated from properly ripened Edam cheese and γ 's of raw milk, and lowering the temperature of short duration pasteurization to $64-70^{\circ}\text{C}$, with a view to retaining a more various microorganism complex in the milk. Butter starter was added to the milk destined for cheese production when raw milk was added and a lowered pasteurization temperature employed. The best cheese as regards typical full flavour qualities was obtained from milk pasteurized at a lower temperature ($64-70^{\circ}\text{C}$ for 30-48 seconds) with an addition of butter starter only.

JAKUBOWSKI, J.

J. Jakubowski, Z. Bienczkiewicz, Eugeniusz Kowalski: "Rapid determination of casein in milk," Nature, Vol. 181, No. 4616, 3 May 1968, p. 1077. Published from the Dairy Industry Institute, Warsaw, Poland. Received 16 January 1968.

JAKUBOWSKI, J.; KACZOR, M.; KACZOR, E.; KORYTOWSKA, D.

Effect of spa and dietetic therapy on blood lipids in
arteriosclerosis. Kardiol. pol. 6 no.2:87-92 '63.

1. Z Osrodku Naukowo-Badawczego II Kliniki Chorob Wewnetrznych
Lodzkiej AM w Polanicy Zdroju Kierownik: prof. dr J. Jakubowski
i z Laboratorium Amalityczno-Diagnostycznego Uzdrowiska Polanica
Kierownik: mgr M. Kaczor.
(ARTERIOSCLEROSIS) (BLOOD LIPIDS)
(DIET THERAPY) (BALNEOLOGY)

JAKUBOWSKI, Jerzy; ZELIGOWSKI, Henryk

Attempted cytologic diagnosis of gastric cancer. Polski tygod. lek.
9 no.47:1510-1513 22 Nov 54.

1. Z II Kliniki Chor. Wewn. A.M. w Lodz: kier. prof. dr J.Jakubowski.
(STOMACH, neoplasms,
diag., cytol.)

JAKUBOWSKI, Jerzy; ZELIGOWSKI, Henryk

Arrhythmia and its role in the development of circulatory insufficiency.
Polski tygod. lek. 9 no. 49:1567-1569 6 Dec 54.

1. Z II Kliniki Chor. Wewn. A.M. w Łodzi; kier. prof. Dr J.Jakubowski.
(ARRHYTHMIA, complications,
circ. disord.)
(BLOOD CIRCULATION, diseases,
disord. caused by arrhythmia)

JAKUBOWSKI, Jerzy

Clinical aspects of acquired hemolytic anemias. Polskie
arch.med. wewn 26 no.11:1647-1660 1956.

l. Z II Kliniki Chorob Wewnętrznych A.M. w Łodzi Kierownik:
prof. dr. nauk med. J. Jakubowski, Łódź, ul. Sterlinga 1-3.

(ANEMIA, HEMOLYTIC,
acquired (Pol))

CYTAWA, Jerzy; JAKUBOWICZ, Jerzy

Ergographic studies in fatigue and types of the nervous system.
Acta physiol pol 12 no.2:185-194 '61.

l. Z Zakladu Fizjologii Czlowieka A.M. Lublinie Kierownik: prof.
dr.W.Holobut.
(FATIGUE physiol) (CENTRAL NERVOUS SYSTEM physiol)

JAKUBOWSKI, Krzysztof; OSTAFICZUK, Stanislaw

Earth slide of Pćim. Przegl geol 10 no.11:604-608
N '62.

1. Muzeum Ziemi, Polska Akademia Nauk, Warszawa, i Zaklad
Kartowania Geologicznego, Uniwersytet, Warszawa.

JAKUBOWSKI, Marek

Evaluation of the degree of exposure to carbon disulfide. I.
Attempted application of the index of absorption described by
V. Vasak. and co-authors under industrial conditions. Med. pracy
16 no.1sl.8 '65

1. z Zakladu Toksykologii Przemyslowej Instytutu Medycyny
Pracy w Lodzi (Dyrektor doc. dr. J. Nofer).

JAKUBOWSKI, Michal (Krakow)

Are fish able to breathe through the skin? Wszechniat no.7/8:
176-178 Jl-Ag '62.

BRZOSOWSKI, J.; JAKUBOWSKI, R.; PIETRZYKOWA, A.

Industrial hygiene and health of workers in orchards exposed to calcium arsenate. Med. pracy 4 no.4:259-265 1953. (CLML 25:5)

BRZOZOWSKI, Jan; JAKUBOWSKI, Ryszard; PIETRZYKOWA, Alina

Hygiene of work and health of workers during application of calcium arsenate in orchards. Ann.Univ.Lublin.sec.D 8:263-280 1953.

1. Z Instytutu Medycyny Pracy Wsi A.M. w Lublinie. Dyrektor: prof.
dr.Jozef. Parnas. Dzial Szkodliosci Chemicznych. Kierownik: dr.
Jan Brzozowski.

(ARSENIC,
calcium arsenate, tox. in agricultural workers)

(AGRICULTURE,
calcium arsenate tox. in spraying of orchards)

BRZOZOWSKI, Jan; JAKUBOWSKI, Ryszard; PIETRYKOWA, Alicja; HODZIEMICZ, Jerzy

Hygiene of work and health in workers exposed to azotniak in
agriculture. Ann.Univ.Lublin; sec.D 8:301-320 1953.

1. Z Instytutu Medycyny Pracy Wsi A.M.w Lublinie. Dyrektor: prof
dr. Jozef Parnas. Dzial Szkodliwosci Chemicznych. Kierownik: dr.
Jan Brozowski.

(FERTILIZERS, toxicity,
nitrogen compound azotniak)

FREYTAG, Jozef; JAKUBOWSKI, Ryszard

Investigations on industrial hygiene. Polski tygod. 1sk. 9 no.51-
52:1628-1629; concl. 27 Dec 54.

1. Instytut Medyczny Pracy Wsi w Lublinie, ul. Ogrodowa 4.
(INDUSTRIAL HYGIENE,
in Poland)

9,7500

89L03

P/034/60/000/004/003/007

A222/A026

AUTHORS: Jakubowski, Ryszard; Porebski, Jan, Masters of Engineering

TITLE: Pulse Integrators for Nuclear Radiation Tests

PERIODICAL: Pomiary-Automatyka-Kontrola, 1960, No. 4, pp. 140 - 142

TEXT: Three types of pulse integrators designed at the Katedra Fizyki II AGH (Department II of Physics, Academy of Mining and Metallurgy) are described; the department employs such integrators in industrial and geological radioisotope research work. All three are of linear type. Figure 2 shows the circuit diagram of a negative feedback integrator which ensures a linear meter scale. The integrator type 1/58, the first of three, was chiefly designed for work in connection with a Geiger counter, though the set may also operate on pulses from a scintillation crystal or from any other source. The integrator is triggered by negative pulses with a minimum amplitude of 0.3, or positive pulses from 5 to 50. A block diagram of the integrator is shown in Figure 3. The probe which holds G-M tube, preamplifier and cathode follower is shown in Figure 4. The discriminator is a simplified Schmitt-circuit [Abstractor's note: the designation "Schmitt-circuit" used in the original is obviously wrong], and is triggered by positive pulses in excess of the discrimination threshold which is variable within 5 - 50. The discriminator has a

Card 1/6

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A222/A026

Pulse Integrators for Nuclear Radiation Tests

transducer is used to measure voltage on the integrator element. The frequency ranges of the 3/58 integrator are a) 0 + 10, 0 + 100 and 0 + 1,000 pulses per second when replacing a rapid-counting decade and b) 0 + 400, 0 + 1,000, 0 + 4,000 and 0 + 10,000 pulses per second when replacing a slow counting decade. Further data: accuracy 3%, time constants 1.5, 3, and 12 seconds, respectively. There are 11 figures and 4 references: 2 English and 2 Polish.

ASSOCIATION: Katedra Fizyki III Akademii Górnictwa-Hutniczej (Chair II of Physics, Academy of Mining and Metallurgy) Jakubowski, R.; Instytut Badań Jądrowych - Zakład VI (Institute of Nuclear Research - Department VI) Porębski, J.

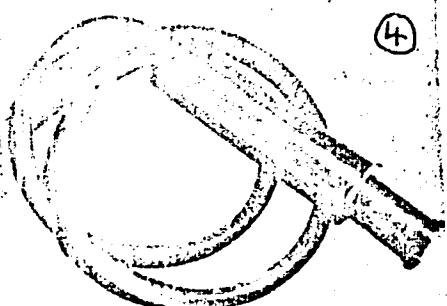
Card 3/6

POLAROID

P/034/60/000/004/C03/007
A222/A026

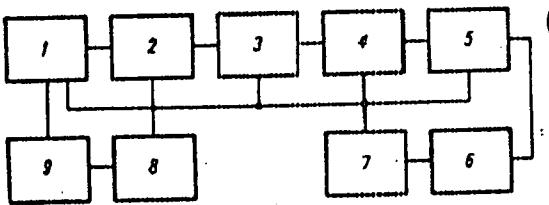
Pulse Integrator for Nuclear Radiation Tests

Figure 4: Probe of integrator
Type 1/58



Card 5/6

Figure 6: Block diagram of integrator
Type 2/58 1 - photomultiplier and pre-
amplifier, 2 - discriminator, 3 - pulse-de-
veloping circuit, 4 - bi-stable multivibra-
tor, 5 - amplitude limiter, 6 - integration
circuit, 7 - tube voltmeter, 8 - plate volt-
age supply, 9 - high voltage supply



JAKUBOWSKI, S.

(2) CIA

Polish Technical Abst.

No. 1 1954

Chemistry and Chemical Technology

3630
Basiński A. ✓ Jakubowski S. New Methods of Quantitative Determination of Cadmium. FAP 1.

"Nowe metody ilościowego oznaczania kadmu". Przemyśl Chemiczny No. 4, 1953, pp. 190-193, 4 tabs.

A quick and exact gravimetric method of determining cadmium by precipitation with a small excess of lithium ferrocyanide from a neutral solution in the form of $Cd_2Fe(CN)_6$. The difference in determinations does not, as compared with the electrolytic method, exceed 0.2%. The method cannot be applied in the presence of calcium (zinc, copper, lead) which, with ferrocyanide anion, form compounds not readily soluble; it can neither be used in the presence of potassium and ammonium salts, which with cadmium ferrocyanide produce complex compounds of variable composition.

9-2-5
JGK

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7

JAKINTWIEI, St.

Instruction of the principles of industrial safety may not
be just a formality. Przegl techn 85 nr.33/4 16 Ag'64.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

JAKUBOWSKI, St.

Supervision in material management in the electric machine industry.
Przegl techn 85 no.46;5 15 N '64.

STARKIEWICZ, Mieczyslaw; SZULC, Jerzy; JAKUBOWSKI, Sylwester

Analysis of traumatic diseases in 170 patients in the age of extreme senility (80-98 years of age). Chir.mrz.ruch ortop.polska 24 no.6: 475-483 '59.

1. Z II Zakladu Chirurgii Urazowej Studium Doskonalenia Lekarzy AM w Warszawie. Kierownik: doc.dr J. Szulc i z Miejskiego Szpitala Chirurgii Urazowej w Warszawie. Ordynator: doc. dr J. Szulc.
(GERIATRICS statist.)
(ORTHOPEDICS.)

JAKUBOWSKI, Sylwester

Management of multiple rib fractures. Chir.narz.ruchu ortop.polska
25 no.5:413-423 '60.

l. Z Kliniki Chirurgii Urazowej Studium Doskonalenia Lekarzy A.M.
w Warszawie, Kierownik: doc.dr J.Szulc.
(RIBS fract & disloc)

JAKUBOWSKI, Sylwester; JURSZ, Witold; TACZANOWSKI, Wacław; STARKEWICZ, Celina

Complicated union of the shaft of the femur. Chir. marz. ruchu ortop. polska 26 no.6:641-644 '61.

1. Z Kliniki Chirurgii Urazowej Studium Doskonalenia Lekarzy w Warszawie Kierownik: doc. dr J. Szulc.
(FEMUR fract & disloc) (FRACTURES UNUNITED)

JAKUBOWSKI, Sylwester

Indirect traction by means of suction. Chir. marz.ruchu ortop.
polska 26 no.3:319-322 '61.

1. Z Kliniki Chirurgii Urazowej Studium Doskonalenia Lekarzy AM w
Warszawie Kierownik: doc. dr J.Szulc.
(ORTHOPEDICS)

JAKUBOWSKI, Sylwester

Management of pelvic fractures. Chir. narzad. ruchu ortop.
pol. 28 no.4:383-390 '63.

1. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie

Dyrektor: dr Z. Deka.

(PELVIC BONES) (FRACTURES) (DISLOCATIONS)
(ACCIDENTS, TRAFFIC) (STATISTICS)

JAKUBOWSKI, Sylvester

Our observations on surgical therapy of rheumatoid deformities.
Chir. narzad. ruchu ortop. Pol. 28 no. 7-139-141 '83

1. Z I Oddziału Urazowo-Ortopedycznego Szpitala
Chirurgii Urazowej w Warszawie (Kierownik dr. med.
S. Jakubowski) i z WoJ. Przyrodni Instytutu Medycznego
w Warszawie (Dyrektor dr. med. H. Dmowska-Zarębska).

DEPINSKI, Kazimierz; JAKUBOWSKI, Sylwester, dr. med.

A new type of bone drill and its application in orthopaedic surgery. Chir. narzad. ruchu ortop. Vol. 23 no. 734 89-362 1983

i. Z I. Oddziału Urazowo-Ortopedycznego Miejskiego Szpitala Chirurgii Urazowej w Warszawie (Ortynator dr. med. S. Jakubowski)

JAKUBOWSKI, Sylwester; ODYNSKI, Bogdan

"Sock traction" in the treatment of fractures and dislocations
in the region of the ankle. Chir. narzad. ruchu ortop. pol.
29 no.1:57-60 '64

1. Z I Oddzialu Urazowo-Ortopedycznego Miejskiego Szpitala
Chirurgii Urazowej w Warszawie; ordynator: dr.med. S.Jakubowski.

*

JAKUBOWSKI, Sylwester, dr. med., RUSZCZAKA, Leszek: RUMIŃSKI, Lech.

Treatment possibilities of patients with severe rheumatism.
Reumatologia (Warsz) 3 March 1986, No 3.

1. Z Oddziału Ortopedycznego Instytutu Reumatologicznego
(Ordynator: doc. dr. med. W. Bartkiewski; Dyrektor Instytutu:
dr. med. W. Brühl); z I Oddziału Ortopedii-Krytopedii
Miejskiego Szpitala Chirurgii Urazowej (Ordynator: dr. med.
E. Jakubowski) oraz z Wojewódzkiej Przychodni Reumatologicznej
w Warszawie (Dyrektora: dr. med. B. Znajdowska-Zarembina).

JAKUBOWSKI, Sylwester; ODYNISKI, Bogdan

A simple method in the surgical treatment of humerus neck
fractures. Chir. narad. ruchu ortop. Pol. 30 no.2:135-138
'65.

l. Z I Oddzialu Urazowo-Ortopedycznego Miejskiego Szpitala
Chirurgii urazowej w Warszawie (Ordynator: dr. med. S. Jaku-
bowksi).

P.T.A. JAKUBOWSKI, T.

Mechanics, Electrotechnics, 70-14

930

631-8

Jakubowski T. The Manufacture of Spare Parts. General Principles
"Produkcja części zamiennych. Ogólne zasady". Warszawa, 1948.
MPWU, 81, pp. 172, 100 figs.

Technical drawing and its progress. Computation of formulae by
means of tolerance figures. General principles of fixing dimensions
and tolerances of spare parts. Special instances of fixing dimensions
and tolerances. Dimensional analysis of interchangeability of parts.
Operation plans. Tools, chucks and gauges. Technical production con-
trol. Starting new production lines based on interchangeability of
parts.

2411 01-021-5512-580707

Jakubowski, T. Dimensions Analysis of Interchangeability of Parts.

"Analiza wymiarowa zgodności części". Wroclaw, 1951, PWN.
160, 251 pp., 165 figs., 38 tabs.

The book deals with the principles of computing dimensions of parts
in tolerable magnitudes, planning of tolerance machining operations,
calculus of probability and theory of errors. Also with the individual
forms of interchangeability of parts in machine construction.

JAKUBOWSKI, T., dr.inz.

Designations concerning the basis of treatment with machine-tools; comments on PN-55/M-01152. Normalizacja F 28 no.11:515-517 N '60.

P/035/61/000/001/001/004
A076/A126

AUTHOR: Jakubowski, Tadeusz, Doctor of Engineering

TITLE: Functional interchangeability of fits

PERIODICAL: Przeglad Mechaniczny, no. 1, 1960, 8 - 12

TEXT: The author discusses the functional interchangeability of fits, based on various tolerances of diameter and having the same purpose, but varying in magnitude and location of tolerance poles. Further, he compares the ISA with the OST tolerance system and the tolerance criteria of Polish, Soviet and Hungarian functional interchangeability of fits. In passing from one system of fits to another, only one-way interchange may be required, i.e. number 2 system replaces number 1 fits, but not vice versa, or number 1 and 2 are interchangeable. Further, the author discusses and compares functional interchangeability criteria elaborated by the Grupa Robocza Sekcji Zmienności in PKN (Working Group of Interchange Section); by Engineer Gyulai from the Hungarian Office of Standards, and by A. K. Kutaja, who published an article in the Soviet periodical "Standartizatsiya" No. 6, 1960. The author shows in a number of figures and formulae that the Hungarian criteria are the same as the Polish, and are less rigid especially in regard of re-

Card 1/2

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7

JAKUBOWSKI, Tadeusz, dr inż.

Typification of semiautomatic technological processes of machining
(constrained machining). Mechanik 34 no.10:507-509 '61.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7

PRYBIALSKI: I believe it does.

Implementation It does. Przybialska said back in 1978:

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

P/053/62/000/008/001/004
I004/I242

The temperature dependence....

curve was also investigated. The measurements were carried out employing both dc and ac (1000 cps). For samples sintered at 1200 to 1300°C a maximum of conductivity was observed at 350°C, or at 150°C, for samples sintered at 1150°C and cooled rapidly. Samples sintered at 1100°C and cooled rapidly revealed two maxima, at 150 and 350°C. The function $\ln\sigma = f(\frac{1}{T})$ has two maxima at higher temperatures which were related to the oxidation of excess titanium ions.

ASSOCIATION: Kat. Fizyki Ogólnej "D" Pol Warszawkiej (Chair of General Physics "D", Warsaw Polytechnic Institute).

Card 2/2

APPROVED FOR RELEASE: 08/10/2001

JAKUBOWSKI, Waclaw

CIA-RDP86-00513R000619420011-7"

On the electric conductivity of zinc oxide. Przegl elektroniki 3
no.1:1-9 Ja '62.

1. Katedra Fizyki Ogólnej "D" Pol. Warsz.

ACCESSION NR: AP4011797

sample was measured by vacuum tube voltmeter and current by a galvanometer of 3.3×10^{-8} amp/day sensitivity, a microammeter and milliammeter. Permittivity was measured by Q-meter. Various temperatures and heating times were employed. Results are plotted on curves. The findings were tied in with the formation processes of a zinc orthotitanate spinel structure. "Author wishes to thank Professor Dr. Wlodimierz Scislawski for constant guidance and help in preparation of this work." Orig. art. has: 9 figures.

ASSOCIATION: Katedra Fizyki Ogolnej "D" Politechnika Warszawska (Department of general physics "D", Warsaw polytechnic)

SUBMITTED: 01Feb63

DATE ACQ: 10Feb64

ENCL: 00

SUB CODE: PH, GE

NO REF SOV: 003

OTHER: 006

Card 2/2

JAKUBOWSKI, Z.

The quality of sawmill raw materials as an element of economic accounting in
the sawmill production. p. 196.

PRZEMYSŁ DRZEWNY. (Centralne Zarządy Przędzyślow: Drzewnego, Meblarskiego, i
Lesnego i Stowarzyszenie Inżynierów i Techników Leśnictwa i Drzewnictwa)
Warszawa, Poland. No. 3, Mar. 1959.

Monthly List of East European accession (EEAI), LC. Vol. 8, No. 9, September,
1959. Unclassified.

JAKUBOWSKI, Zdzislaw, doc. dr.

Some technical-economic proportions of the pulp production in
Finland. Przegl. papier 18 no.12:390-393 D '62.

1. Wyższa Szkoła Rolnicza, Poznań.

JAKUBOWICZ, S.

"Organizations for the Prevention of Hog Diseases", p. 555, (EDYCZNA WILGOTNIA POLSKA,
Vol. 9, No. 12, Dec. 1953, Warszawa, Poland).

SO: Monthly List of East European Acquisitions, (EEL), LC. No. 10, No. 5,
May 1955, Uncl.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7

JAKUCS, Istvan (Debrecen); URBAN, Barna (Sarospatak)

Oldest physical instruments of the Colleges of Debrecen and
of Sarospatak. Fiz szemle 11 no.2:55-60 F '61.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420011-7"

CA

JAKUCS, L.

8

Self pulverization of dolomite in the Buda Mountains
István Jakucs, Pádharos Körhely, BO, 301 800 (1950)
This process is caused by the conversion of aragonite (still
in the veins of dolomite rock) to calcite. This conversion
results in a vol increase of 8.7% which is enough to split

the rock. When natural hot waters heat dolomite to the
temp needed for the formation of aragonite (in the presence
of Mg only 29° is high enough), aragonite is deposited in the
cavities of dolomite. When the rock is cooled, the conver-
sion takes place. Rocks consisting of small crystals of
dolomite disintegrate most readily. A close correlation
exists between Karst water and the types of disintegration.
In rare cases decompr. of pyrite or conversion of anhydrite
to gypsum is the cause of dolomite disintegration. 20 ref
ences. István Jakucs